

FORM PTO-1390 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE (REV 10-2003)		ATTORNEY'S DOCKET NO. 790086.405USPC
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/507 343</b>
INTERNATIONAL APPLICATION NO. <b>PCT/JP02/02265</b>	INTERNATIONAL FILING DATE <b>March 11, 2002</b>	PRIORITY DATE CLAIMED
TITLE OF INVENTION <b>PROTEIN SUSTAINING UNDIFFERENTIATED STEM CELLS</b>		
APPLICANT(S) FOR DO/EO/US <b>Hideo EMA; Hiromitsu NAKAUCHI; and Mitsuhiro OSAWA</b>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)).             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).             <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol>		
Items 11 to 20 below concern document(s) or information included:		
<ol style="list-style-type: none"> <li>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input type="checkbox"/> A preliminary amendment.</li> <li>14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 – 1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li>20. <input checked="" type="checkbox"/> Other items or information: 6 Sheets of Drawings (Figures 1A-5); Paper Copy of Sequence Listing (16 pages); Statement Under 37 CFR 3.73(b).</li> </ol>		

U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/507343</b>	INTERNATIONAL APPLICATION NO. PCT/JP02/02265	ATTORNEY'S DOCKET NUMBER 790086.405USPC																
<p>21. <input checked="" type="checkbox"/> The following fees are submitted:</p> <p><b>Basic National Fee (37 CFR 1.492(a)(1)-(5)):</b></p> <p>Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... <b>\$1080.00</b></p> <p>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... <b>\$920.00</b></p> <p>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... <b>\$770.00</b></p> <p>International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... <b>\$730.00</b></p> <p>International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) ..... <b>\$100.00</b></p>		<b>CALCULATIONS PTO USE ONLY</b>																
<b>ENTER APPROPRIATE BASIC FEE AMOUNT</b> =		<b>\$920.00</b>																
<p>Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Claims</td> <td style="width: 25%;">Number Filed</td> <td style="width: 25%;">Number Extra</td> <td style="width: 25%;">Rate</td> </tr> <tr> <td>Total Claims</td> <td>86 - 20 =</td> <td>66</td> <td>x \$ 18.00</td> </tr> <tr> <td>Independent Claims</td> <td>9 - 3 =</td> <td>6</td> <td>x \$ 86.00</td> </tr> <tr> <td colspan="2"><b>MULTIPLE DEPENDENT CLAIM(S) (if applicable)</b></td> <td colspan="2">+ \$290.00</td> </tr> </table>		Claims	Number Filed	Number Extra	Rate	Total Claims	86 - 20 =	66	x \$ 18.00	Independent Claims	9 - 3 =	6	x \$ 86.00	<b>MULTIPLE DEPENDENT CLAIM(S) (if applicable)</b>		+ \$290.00		<b>\$ .00</b>
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Total Claims	86 - 20 =	66	x \$ 18.00															
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<b>MULTIPLE DEPENDENT CLAIM(S) (if applicable)</b>		+ \$290.00																
<b>TOTAL OF ABOVE CALCULATIONS</b> =		<b>\$2,624.00</b>																
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.		<b>\$1,312.00</b>																
<b>SUBTOTAL</b> =		<b>\$1,312.00</b>																
<p>Processing fee of <b>\$130.00</b> for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).</p> <p>+ <b>\$ .00</b></p>																		
<b>TOTAL NATIONAL FEE</b> =		<b>\$1,312.00</b>																
<p>Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00</b> per property</p> <p>+ <b>\$40.00</b></p>																		
<b>TOTAL FEES ENCLOSED</b> =		<b>\$1,352.00</b>																
		<b>Amount to be refunded:</b>																
		<b>Charged:</b>																
<p>a. <input checked="" type="checkbox"/> A check in the amount of <b>\$1,352</b> cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. 19-1090 in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 19-1090. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p>																		
<p><b>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b></p> <p>SEND ALL CORRESPONDENCE TO:</p> <p>Stephen J. Rosenman, Ph.D. Seed Intellectual Property Law Group PLLC 701 5<sup>th</sup> Avenue, Suite 6300 Seattle, WA 98104-7092 United States of America (206) 622-4900</p>																		
 <p><b>SIGNATURE</b></p> <p>Stephen J. Rosenman, Ph.D.</p> <p><b>NAME</b></p> <p>43,058</p> <p><b>REGISTRATION NUMBER</b></p>																		